

FSP: 0012 FOLDING LEG SYSTEM

IN THE CLAIMSB1
1. (Cancelled)

2. (Cancelled)

3. (Cancelled)

4. (Cancelled)

5. (Cancelled)

1 6. (Previously and Currently Amended) A folding leg system, comprising:

2 a first leg;

3 a first bracket mounted on a surface, the first bracket coupled to the first leg by way
4 of a first pivot bolt such that the first leg can rotate in the first bracket between
5 an up and a down positions;

6 a second leg;

7 a second bracket mounted on the surface, the second bracket coupled to the second
8 leg by way of a second pivot bolt, the second bracket having a first section in
9 which the second leg may rotate to a down position from an up position and a
10 second section in which the leg is prevented by contact with an end of the leg
11 from rotating into the down position from the up position, the second bracket
12 adapted so that the second leg may slide along the pivot bolt from the first to
13 the second sections; and14 the first bracket mounted on the surface across from the second bracket, such that the
15 first leg does not contact the second leg when the first and second legs are in
16 the up position and the second leg is in the second section of the second
17 bracket.

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1 7. (Previously Amended) The system of claim 6, further comprising:
2 the first bracket having a first locking pin hole aligned to receive a first locking pin
3 when the first leg is in the up position; and
4 the first bracket having a second locking pin hole to aligned receive the first locking
5 pin when the first leg is in the down position.

1 8. (Previously Amended) The system of claim 7, further comprising:
2 the second bracket having a third locking pin hole aligned to receive a second locking
3 pin when the second leg is in the down position.

1 9. (Previously Amended) A folding leg system, comprising:
2 a first leg;
3 a first bracket mounted on a surface, the first bracket coupled to the first leg by way
4 of a first pivot bolt such that the first leg can rotate in the first bracket between
5 an up and a down positions;
6 a second leg;
7 a second bracket mounted on the surface, the second bracket coupled to the second
8 leg by way of a second pivot bolt, the second bracket having a first section in
9 which the second leg may rotate to a down position from an up position and a
10 second section in which the leg is prevented from rotating into the down
11 position from the up position, the second bracket adapted so that the second
12 leg may slide along the pivot bolt from the first to the second sections;
13 the first bracket mounted on the surface across from the second bracket, such that the
14 first leg does not contact the second leg when the first and second legs are in

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15 the up position and the second leg is in the second section of the second
16 bracket;
17 the first bracket comprising first slots aligned to receive a shaft of a first locking
18 device when the first leg is in the down position; and
19 the second bracket comprising second slots aligned to receive a shaft of a second
20 locking device when the second leg is in the down position.

1 11. (Previously Added) A bracket comprising:
2 at least two sides;
3 each side comprising a first hole aligned to receive a pivot bolt through a leg when a
4 leg is positioned between the sides;
5 each side comprising a slot aligned to receive a shaft of a locking device when the leg
6 is in a down position;
7 at least one side comprising a second hole aligned to receive a locking pin of the
8 locking device when the shaft of the locking device is positioned in the slots;
9 and
10 at least one side comprising a third hole aligned to receive the locking pin of the
11 locking device when the shaft of the locking device is not positioned in the
12 slots.

1 12. (Previously Added) The bracket of claim 11 further comprising:
2 a tab positioned to prevent rotation of the leg around the pivot bolt beyond a down
3 position of the leg.

1 13. (Previously Added) A bracket comprising:

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2 at least two sides each comprising a first hole aligned to receive a pivot bolt along
3 which a leg may slide between a first and second sections of the bracket;
4 the first section formed such that the leg may rotate around the pivot bolt when
5 positioned in the first section;
6 the second section formed such that the leg may not rotate around the pivot bolt when
7 positioned in the second section;
8 a side of the first section comprising a slot aligned to receive a shaft of a locking
9 device when the leg is rotated to a down position;
10 the side of the first section comprising a second hole aligned to receive a locking pin
11 of the locking device when the shaft of the locking device is positioned in the
12 slot; and
13 the side of the first section comprising a third hole aligned to receive the locking pin
14 of the locking device when the shaft of the locking device is not positioned in
15 the slot.

1 14. (Previously Added, Currently Amended) The bracket of claim 13 further
2 comprising:
3 the second section comprising at least one tab to prevent rotation of the leg around the
4 pivot bolt.

1 15. (Previously Added, Currently Amended) The bracket of claim 13 further
2 comprising:
3 the first section formed to prevent rotation of the leg beyond the down position.